

ABSTRACT OF THE DISCLOSURE

5 A motor condition detection apparatus detects motor driving voltage of driving electric source supplied to a motor and detects voltage of a control device for driving and controlling the motor. The apparatus calculates voltage difference between the motor driving voltage and the voltage of the control device. The apparatus provisionally determines the motor locking condition based on the voltage difference during driving of the motor and the apparatus stops driving the motor after
10 the motor locking condition is provisionally determined. The apparatus detects regenerative voltage of the motor when driving of the motor is stopped and finally determines the motor locking condition based on the regenerative voltage.